

Date: Sat, 27 Aug 94 04:30:10 PDT  
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>  
Errors-To: Ham-Digital-Errors@UCSD.Edu  
Reply-To: Ham-Digital@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Digital Digest V94 #286  
To: Ham-Digital

Ham-Digital Digest                      Sat, 27 Aug 94                      Volume 94 : Issue    286

Today's Topics:

1200/9600 Packet TNC (2 msgs)  
56k modems?  
9k6 with Icom IC04 ?  
Compaq Portable III Computer on Packet???  
FT5200 and 9600 Baud  
Grapical Packet with a KPC-3 Problems  
HF Packet (Mac vs PC) (2 msgs)  
jnos trace question (2 msgs)  
MSYS and WP pages  
Packet Routing with JNOS 110f  
Which DSP kit to buy?  
Winsock packet driver?

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>  
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 25 Aug 94 07:54:00 GMT  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!iat.holonet.net!moondog!  
donald.davis@network.ucsd.edu  
Subject: 1200/9600 Packet TNC  
To: ham-digital@ucsd.edu

Any suggestion on which 1200/9600 packet modem is the one to get? What  
would one do with 9600 baud packet at this time?

I already use a Baycom BP-1 for 1200 baud packet. I wonder what

upgrading to a dual speed packet tnc would do for me or what options I would have with a dual speed tnc?

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. CMPQwk 1.4 #9206 . I still miss my ex-wife, but my aim is getting bet

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Date: 26 Aug 1994 08:17:43 -0700  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!swrinde!elroy.jpl.nasa.gov!  
netline-fddi.jpl.nasa.gov!nntp-server.caltech.edu!news.claremont.edu!kaiwan.com!  
not-for-mail@network.ucsd.edu  
Subject: 1200/9600 Packet TNC  
To: ham-digital@ucsd.edu

In article <172.1173.uupcb@moondog.com>,  
donald.davis@moondog.com (Donald Davis) wrote:  
> Any suggestion on which 1200/9600 packet modem is the one to get? What  
> would one do with 9600 baud packet at this time?  
>

Donald..

I am using the new Kantronics KPC-9612. It works great and is probably  
the best deal on the market. I got mine from AES for \$199.

Bob

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| E-Mail: bnovak@kaiwan.com | Packet: K00K@K6CPT.#LACCA.#SOCA.CA.USA.NA |  
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Date: 25 Aug 1994 18:48:18 GMT  
From: ankh.iia.org!mcdonneb@uunet.uu.net  
Subject: 56k modems?  
To: ham-digital@ucsd.edu

Help I am trying to locate 3 or 4 "DSY" 56k modems and transverters for a  
packet network here in the US Virgin Islands.

E-mail to mcdonneb@iia.org

Thanks

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Date: 25 Aug 94 07:31:00 GMT  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!

darwin.sura.net!wa4mei!totrbbs!steve.diggs@network.ucsd.edu  
Subject: 9k6 with Icom IC04 ?  
To: ham-digital@ucsd.edu

-> From: pme@it.kth.SE  
-> Newsgroups: rec.radio.amateur.digital.misc  
-> Subject: 9k6 with Icom IC04 ?  
-> Date: 21 Aug 94 13:06:51 GMT  
-> Message-ID: <9408211306.AA06511@ulk.electrum.kth.se>  
->  
-> Is there anyone that have been successful with g3ruh modems with a  
-> Icom IC04A/E/AT ? Is there any ftp sites where i can find information  
-> about modifying rigs to work with RUH modems ?  
->  
-> /Peter SM00HI

Peter,

I am active with 9600, run a phone line BBS, and I'm running a serious  
MOD file collection effort. I don't recall seeing an 04AT mod file, but  
I'll check, or you are welcome to dial in to 404-921-8687 and check.

Regards,  
Steve Diggs  
KB4ZTN

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Top Of The Rock BBS - Lilburn, GA                   SYSOP: Steve Diggs  
UUCP: totrbbs.atl.ga.us                   Snailmail: 4181 Wash Lee Ct.  
Phone: +1 404 921 8687                   Lilburn, GA 30247-7407

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Date: Fri, 26 Aug 94 10:14:58 EST  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!wupost!slacc.com!  
nf0r@network.ucsd.edu  
Subject: Compaq Portable III Computer on Packet???  
To: ham-digital@ucsd.edu

Wondering if anyone has experience using an old (1988) vintage Compaq  
Portable III computer on packet?

I am worried about noise generated by the gas plasma screen circuitry.

This is an estate sale. I have tried the unit and confirmed that it  
works just fine. There is no manual available.

I'm assuming the computer is a 286 with maybe 2 megabytes of RAM. Can

anyone confirm this or provide more accurate information.

Finally, can anyone suggest a fair price for this unit?

Your help will be appreciated. 73 de Dave NF0R@slacc.com

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SLACC STACK BBS - St. Louis, Missouri USA  
The Bulletin Board Service of the St. Louis Area Computer Club  
For information, email to: server@slacc.com Subject: HELP  
+1 314.367.1903

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Date: Thu, 25 Aug 1994 09:05:21 GMT  
From: ihnp4.ucsd.edu!ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!EU.net!  
uknet!dcs.gla.ac.uk!udcf.gla.ac.uk!peterm@network.ucsd.edu  
Subject: FT5200 and 9600 Baud  
To: ham-digital@ucsd.edu

Hi. I have an 18 month old FT5200 and would like to use it for 9600  
baud packet. Does anyone have experiences and suggestions?  
Please reply by e-mail and I will post summary.

Peter. GM6SHB p.miller@elec.gla.ac.uk

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Date: 25 Aug 1994 17:56:22 GMT  
From: ihnp4.ucsd.edu!news.cerf.net!mvp.saic.com!news.alpha.net!pacifier!  
rainrgnews0!psgrain!news.tek.com!gv-gate.gvg.tek.com!gvgadg!  
randyh@network.ucsd.edu  
Subject: Grapical Packet with a KPC-3 Problems  
To: ham-digital@ucsd.edu

I am having a problem getting Graphical Packet to work with a KPC-3.  
I have changed the config.gp file to replace NONAME with my call. I  
get into the program and it keeps flashing this message window:

V24 data error  
PC=A1 Number of try : a number that counts up

Does anyone know of any hints to get this to work with the KPC-3?  
Also, does any know where I can find an English manual? Either a  
FTP site, or if someone could mail it to me, would be great.

73  
Randy

WA2AGE

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Date: 26 Aug 94 12:25:15 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: HF Packet (Mac vs PC)  
To: ham-digital@ucsd.edu

>On the other hand, Unix is often chastised for being obscure, complex, and  
>difficult to maintain while I've found Unix to be much easier to maintain  
>than PC's, MS-DOS, and Windows. And a PC running Unix presents the worst of  
>both worlds. Rarely does a Mac run Unix, but it can, and DOS also, at the  
>same time.  
>73, David Kelly, N4HHE  
>dkelly@nebula.tbe.com

Unix also has some "big system" features in it that make it easier to protect  
yourself from wayward software. I think we've got several unix machines around  
here that have close to 700 hours continuous uptime (last stop was due to an  
extended power failure that extended past the UPS hold up time..) The usual  
Microsoft DOS system has to be restarted several times a day...

I would recommend those with 386 class and higher machines check out OS/2. Get  
to run your legacy DOS and legacy Windows stuff and have a better  
operating system underneath. I suspect a lot of "mac" stuff is do-able under  
OS/2 with the right combination of tools, although the extended screen trick  
could be a tough one..8). (gee, buy some inexpensive monitors instead of the  
1 really expensive big one for folks that need the room...).

bill wb9ivr

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Date: 25 Aug 1994 19:19:00 GMT  
From: newsgw.mentorg.com!wv.mentorg.com!hanko@uunet.uu.net  
Subject: HF Packet (Mac vs PC)  
To: ham-digital@ucsd.edu

In article <9408241903.AA27319@nebula.tbe.com>, dkelly@nebula.tbe.COM (david  
kelly) writes:

|> > In article <ZIELKE.94Aug22185246@sherlock-hemlock.muppets>,  
|> zielke@sherlock-hemlock.muppets (David Zielke) writes:  
|> > |> I am in the process of examining the possibilities of using HF packet to  
|> > |> provide communication between my sailboat while at sea and land based  
|> > |> e-mail  
|> > |> connections. I have been a ham since the late 70's and have been inactive  
|> > |> for some time. Suggestions of what kind of gear (HF rig, TNC, computer)

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|> > |> would be very helpful. I will most likely be loading the backstay as an
|> > |> antenna.
|> >
|> > Plan to use amtor, pactor, clover, gtor, or clover.
|> > Packet on HF is not actually very useful.
|> > CLOVER is best, with the other protocols working well also.
|> >
|> > |> Also, I am trying to decide between Intel based PC's and the Mac portables
|> > |> (something like a 540 active monochrome in the mac line or a 486 33mhz
|> > |> laptop in the intel world).
|> >
|> > DOS/Windows Laptop. MUCH software available for it, minimal software
|> > available for any other computer.
|> >
|> > If you end up using CLOVER, I'll see you on HF ...
|> >
|> > ... Hank
|> >
|> > "...MUCH software available for it..." but what about the difference between
|> > Quality and Quantity? Just how many word processors, terminal programs,
|> > spreadsheets, etc, is enough? Sometimes more choice means more choice among
|> > better products, but not in this case. The best PC/Windows software are
|> > ports from the Macintosh. I recommend you choose a Macintosh, I did 5 years
|> > ago and love it.

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Sorry, perhaps the context was unclear.

I'll try it this way: "There is VERY little CLOVER/AMTOR/PACTOR/GTOR specific software available anywhere except on DOS/WINDOWS platforms."

We were not talking about word processors, terminal programs, spread sheets, etc. Were not talking about compilers and linkers.

Were talking about software to provide communications from a boat. Via HF radio. In some reasonable way.

Happier now?

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Hank Oredson @ Mentor Graphics      Library Operations
Internet      : hank_oredson@mentorg.com  "Parts 'R Us!"
Amateur Radio: WORLI@WORLI.OR.USA.NOAM

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Date: 26 Aug 1994 00:55:50 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!europa.eng.gtefsd.com!ulowell!

```

vtc.tacom.army.mil!chaos!ron@network.ucsd.edu  
Subject: jnos trace question  
To: ham-digital@ucsd.edu

Bill Northup (northup@abersoch.sw.stratus.com) wrote:

: I have just started using jnos110f and have been having a problem  
: with having a trace show up on the screen. I can make it go to a  
: file. What am I missing ?

strace on puts your trace into the F9 session.

trace <interface> <flags> [<filename>] will put your trace into the  
specified filename (ex: trace ax0 111 test puts the trace for port  
ax0 into filename test).

Ron N8FOW

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Date: 26 Aug 1994 14:39:26 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!noc.near.net!  
transfer.stratus.com!abersoch.sw.stratus.com!northup@network.ucsd.edu  
Subject: jnos trace question  
To: ham-digital@ucsd.edu

Thanks to everyone, I now understand how trace works.

Bill

--  
--

Bill Northup	PHONE: (508) 460-2085
Stratus Computer Inc.	INTERNET: northup@sw.stratus.com
55 Fairbanks Boulevard	Packet: N1QPR@WA1PHY.#EMS.MA.USA.NA
Marlboro, MA 01752	Amateur Radio: N1QPR

-----  
Date: 27 Aug 94 06:34:38 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: MSYS and WP pages  
To: ham-digital@ucsd.edu

Hello all,

Please help!!!!

Does anyone know how can I change, in MSYS117, the packet address where

the system automatically sends WP pages updates??? I have a real problem here and the manual does not explain anything about this. I have the f..... manual but no joy.

- 73 Demetre - SV1UY - IP coordinator of Greece

```
+-----+
| Demetre Ch. Valaris - SV1UY          /////  ///  ///  /  ///  |
| AMPRnet      : sv1uy@sv1uy.ampr.org    /   /      ///  /  ///  |
| PBBS         : SV1UY@SV1UY.ATH.GRC.EU  /   ///  /      /   /   |
| Internet/UUCP : sv1uy@athnet.ath.forthnet.gr                        |
+-----+
|   Recyclable bits and bytes have been used for the above message.   |
+-----+
```

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Date: Fri, 26 Aug 94 01:21:18 GMT  
From: att-out!pacbell.com!uop!csus.edu!netcom.com!netcomsv!skyld!  
jangus@RUTGERS.EDU  
Subject: Packet Routing with JNOS 110f  
To: ham-digital@ucsd.edu

In article <33i0jq\$d6t@netfs.dnd.ca> mercer@dgs.dnd.ca writes:

> I want to use JNOS as a packet switch between an AX25 serial link and an  
> ether net segment.

radio box:  
route add default tnc1  
arp publish enet.host ether radio-mycall tnc1

ethernet box  
route add default enet radio.host

And wonder of wonders it works!  
The key item is the arp publish statement at the radio host.

For example: wa6fwi-3 wa6fwi.ampr.org 44.16.0.141 has a radio on port 144.  
no-call net.wa6fwi.ampr.org 44.16.0.205 has only ethernet.  
Both boxes call the ethernet port enet.

At wa6fwi.ampr.org it reads:

```
ax25 mycall wa6fwi-3
route add default 144
# this is the default route for all packets
route add net.wa6fwi.ampr.org enet
```



```
# this is the route to net.wa6fwi only
arp publish net.wa6fwi.ampr.org wa6fwi-3 144
# and this tells anyone that it hears calling net.wa6fwi
# that wa6fwi-3 will handle the packets for net.wa6fwi
```

And at net.wa6fwi.ampr.org it has:  
route add default enet wa6fwi.ampr.org

There's 4 boxes currently running on the ethernet and several radios on one of them. One of the ethernet boxes is running SCO-Unix. All the boxes talk to one another, and can telnet etc out to the "outside" world without requiring anyone to have "special" routing in their own files.

73 es GM from Jeff

Amateur: WA6Fwi@WA6Fwi.#SOCA.CA.USA.NOAM	"You have a flair for adding
Internet: jangus@skyld.grendel.com	a fanciful dimension to any
US Mail: PO Box 4425 Carson, CA 90749	story."
Phone: 1 (310) 324-6080	Peking Noodle Co.

Hate "Green Card Lottery"? Want to help curb ignorant crossposting on Usenet?  
E-mail ckeroack@hamp.hampshire.edu for more information, or read news.groups.

-----  
Date: 25 Aug 1994 20:21:03 -0700  
From: nnntp.crl.com!crl3.crl.com!not-for-mail@decwrl.dec.com  
Subject: Which DSP kit to buy?  
To: ham-digital@ucsd.edu

Eleen N. Kamas (kamas+@CMU.EDU) wrote:  
: Hi all!

: I was just looking through my EETimes rag and came across an ad  
: from TI. In it was an offer for the TI DSP starter Kit. It has a  
: TMS320 DSP on it. Is this a good (i.e. complete w/t d to a and a to d  
: and amps) kit for voice filtering and Frequency displays?

: Thanks  
: Chuck N3QAT

There are two kits, the 'C26 DSK which is based on the TMS320C26 processor  
and the 'C50 DSK which is based on the TMS320C50 processor.

You could say that the 'C50 is the next generation up from the 'C26  
in that it has more memory and is faster. Both are fixed point (as  
opposed to floating point) processors and will do just about any  
DSP trick that you want. Both chips have built-in memory.

The boards are small, approximately 2.5 X 4 inches and have the necessary A/D and D/A chip (TLC3240).

There is an analog input and output (rca jacks) and a serial connector (9 pin RS232). You have to supply a 9VAC plug-in-the-wall (Radio Shack) power supply.

TI supplies a simple Assembler and a Debugger. They also throw in a loader and a couple of sample programs. No, there is not a 'C' compiler :-)

You connect the 9VAC (notice AC) power supply, attach a cable from the board to your serial port on your PC and then you can download or debug programs.

There are quite a few Ham type programs for the 'C26 DSK on the internet. 'C26 programs can be converted to 'C50 programs with some effort.

The cost is \$99.00. I am not sure what the availability is at this time (Wyle, Marshall, etc)

If any more questions, Email me.

Smitty, NA5K

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Henry Smith (hbs@crl.com)

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Date: Fri, 26 Aug 1994 00:04:58 GMT

From: ihnp4.ucsd.edu!news.cerf.net!nntp-server.caltech.edu!netline-fddi.jpl.nasa.gov!elroy.jpl.nasa.gov!swrinde!howland.reston.ans.net!agate!doc.ic.ac.uk!uknet!cix.compulink.co.uk!jnewgas@@.

Subject: Winsock packet driver?

To: ham-digital@ucsd.edu

> : Bob Donnell, KD7NM (rdonnell@eskimo.com) writes:

....

> At the moment, not a lot. I think there may be some alpha code on  
> ftp.ucsd.edu. Take a look on there. I'm planning to use Linux for my  
> packetfront-end, so this is not a high priority interest with me.  
> I have just received over the AX25 packet radio network a suite of code  
and software ETHRAX25.ZIP written by K8LT ( I think ).

I haven't tried it yet but it looks promising. No author name is in the package and no FTP source is mentioned.

I can send it to a site ... but where ?

John N. (Blinked Message)

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End of Ham-Digital Digest V94 #286

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